2021 CERTIFICATION

Consumer Confidence Report (CCR)

PRINT Public Water System Name

PWS # L9001

List PWS ID #s for all Community Water Systems included in this CCR

CCR DISTRIBUTION	(Check all boxes that apply)	
INDIRECT DELIVERY METHODS (Attach copy of public		DATE ISSUED
□ Advertisement in local paper (Attach copy of advertisemen		
x1_On water bill (Attach copy of bill)		
☐ Email message (Email the message to the address below)		
□ Other (Describe:		
)
DIRECT DELIVERY METHOD (Attach copy of publication	on, water bill or other)	DATE ISSUED
□ Distributed via U.S. Postal Service		
□ Distributed via E-mail as a URL (Provide direct URL):		
□ Distributed via Email as an attachment		
$\hfill\Box$ Distributed via Email as text within the body of email $\hfill\Box$	nessage	
□ Published in local newspaper (attach copy of published CC	CR or proof of publication)	
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□ Posted online at the following address (Provide direct URL):		
CER I hereby certify that the Consumer Confidence Report (CCR)	RTIFICATION	amore in accordance with
the appropriate distribution method(s) based on population se is correct and consistent with the water quality monitoring date of Federal Regulations (CFR) Title 40, Part 141.151 – 155.	erved. Furthermore, I certify that the information a for sampling performed and fulfills all CCR r	on contained in the report equirements of the Code
Name Thousa	Title	
SUBMISSION OPTI	IONS (Select one method ONLY)	~
You must email or mail a copy of the CCR, Cer the MSDH, Bureau	tification, and associated proof of de u of Public Water Supply.	livery method(s) to
Mail: (U.S. Postal Service)	Email: water.reports@msdh.ms	.gov

MSDH, Bureau of Public Water Supply

P.O. Box 1700 Jackson, MS 39215

Arkabutla Water Association, Inc. 2021 Quality Water Report [PWS ID# 0690001] June 2022

We're pleased to present to you this year's Annual Water Quality Report. This report is designed to inform you about the quality water and services we deliver to you every day. Our constant goal is to provide you with a safe and dependable supply of drinking water. We want you to understand the efforts we make to continually improve the water treatment process and protect our water resources. We are committed to ensuring the quality of your water. Our water source is two ground water well that pumps from the **Sparta Aquifer**

Our source water assessment is available upon request.

I'm pleased to report that our drinking water meets all federal and state requirements.

This report shows our water quality and what it means.

If you have any questions about this report or concerning your water utility, please contact Harry House (Certified Water Operator) at 8929 Arkabutla Rd. Coldwater, MS 38618, 662-562-8456. We want our valued customers to be informed about their water utility. If you want to learn more, please attend one of our scheduled meetings. They are held the third Monday in March of each year at 7:00 p.m. at the Arkabutla Community Center.

Arkabutla Water Association routinely monitors for constituents in your drinking water according to Federal and State laws. This table shows the results of our monitoring for the period of January 1st to December 31st, 2021. As water travels over the land or underground, it can pick up substances or contaminants such as microbes, inorganic and organic chemicals, and radioactive substances. All drinking water, including bottled drinking water, may be reasonably expected to contain at least small amounts of some constituents. It's important to remember that the presence of these constituents does not necessarily pose a health risk.

In this table you will find many terms and abbreviations you might not be familiar with. To help you better understand these terms we've provided the following definitions: *Non-Detects (ND)* - laboratory analysis indicates that the constituent is not present.

Parts per million (ppm) or Milligrams per liter (mg/l) - one part per million corresponds to one minute in two years or a single penny in \$10,000.

Parts per billion (ppb) or Micrograms per liter - one part per billion corresponds to one minute in 2,000 years, or a single penny in \$10,000,000.

Picocuries per liter (pCi/L) - picocuries per liter is a measure of the radioactivity in water.

Action Level - the concentration of a contaminant which, if exceeded, triggers treatment or other requirements which a water system must follow.

Maximum Contaminant Level - The "Maximum Allowed" (MCL) is the highest level of a contaminant that is allowed in drinking water. MCLs are set as close to the MCLGs as feasible using the best available treatment technology.

Maximum Contaminant Level Goal - The "Goal" (MCLG) is the level of a contaminant in drinking water below which there is no known or expected risk to health. MCLGs allow for a margin of safety.

IESI				

Contamin ant	Vio lati on	Date Collected	Level Detect ed	Range of Detects or # of Samples Exceeding	Unit Meas urem	MCLG	M C L	Likely Source of
Chromiu	n	12/12/16		0	ppm	0.1	0.	Discha
1010 Barium	n	05/14/19	0.049 9	0	ppm	2	2	Discha rge of drilling wastes
Mercury Selenium	n n	05/14/19 05/14/19	<.000	0	ppm ppm	.002 .050	.0 02	dischar ge
14. Copper	n	12/31/20	0.2	0	mg/ L	1.3	A L= 1. 3	Corrosi on of househ old plumbi ng system
17. Lead	n	12/31/20	0.001	0	mg/ L	.015	A L= 0 15	Corrosi on of househ old plumbi ng system s, erosion of natural deposit s
1024 Cyanide n 07/08/1 9 <0.015 0 ppm 0 0.2		07/19/19	<.015		Mg/ L	.2		

1038 Nitrate+Ni trite(as N)	n	04/22/21	<.1	0	ppm	10	10	Run-off from fertilize r use; leachin g from septic tanks, sewag e; erosion of natural deposit s
1041 Nitrite (as Nitrogen)	n	04/22/21	<.02	0	ppm	1	1	Runoff from fertilize
1040 Nitrate	n	04/22/21	<.08	0	ppm	10		r use; leachin g from septic tanks, sewag e; erosion of natural
Sodium	N	2019	7600	0	Ppb			deposit s Road salt, Water Treat ment chemi cals, water softne rs, and sewer efflue nts
Combine d Uranium	n	10/27/21	<0.5	0	ppb	30		

2950 TTHM 2456 HAA5	n n	08/23/16 08/23/16	<4.0 <6.0		ppb ppb	0	0	80 60	By- produc t of drinkin g water
0999. Chlorine Highest QTR RAA MRDL Range	n	2021 2021	1.20 .80- 2.00	0	MG/L MG/L	0		MRD#4YOUR&AR	Water additiv e used to control microb es

Monitoring and reporting of compliance data violations

We are required to monitor your drinking water for specific constituents on a monthly basis. Results of regular monitoring are an indicator of whether or not our drinking water meets health standards. Beginning January 1, 2004, the Mississippi State Department of Health (MSDH) required public water systems that use chlorine as a disinfectant to monitor/test for chlorine residuals as required by the Stage 1 Disinfection-By-Products Rule.

Significant Deficiencies:

During a sanitary survey conducted on 5/21/2015 and on 4/25/2018, the Mississippi State Department of Health cited the following significant deficiency(s):

Inadequate internal/ cleaning/maintenance of storage tanks.

<u>Corrective actions:</u> This system has met the required applications of treatment chemicals and techniques and being recorded as Fe, Ph and Fc in the log book each day.

Someone to inspect the tanks is being done by Tank Pro

Operations records

Function and condition of treatment facilities

Site security

All violations have been corrected

Enforcement Action On 2/23/2022 the public water system was required by the MS State Depart. Of Health, Bureau of Public Water Supply to participate in an Administrative Hearing due to violations of th Ground Water Rule.

Additional Information for Lead

If present, elevated levels of lead can cause serious health problems, especially for pregnant women and young children. Lead in drinking water is primarily from materials and components associated with service lines and home plumbing. Arkabutla Water Association is responsible for providing high quality drinking water, but cannot control the variety of materials used in plumbing components. When water has been sitting for several hours, you can minimize the potential for lead exposure by flushing your tap for 30 seconds to 2 minutes before using water for drinking or cooking. If you are concerned about lead in you water, you may wish to have your water tested. Information on lead in drinking water, testing methods, and steps you can take to minimize exposure is available from the Safe Drinking Water Hotline or at http://www.epa.gov/safewater/lead. The Mississippi State Department of Health Public Health Laboratory offers lead testing for \$10 per sample. Please contact (601)576-7582 if you wish to have your water tested.

Some people may be more vulnerable to contaminants in drinking water than the general population. Immuno-compromised persons such as persons with cancer undergoing chemotherapy, persons who have undergone organ transplants, people with HIV/AIDS or other immune system disorders, some elderly, and infants can be particularly at risk from infections. These people should seek advice about

drinking water from their health care providers. EPA/CDC guidelines on appropriate means to lessen the risk of infection by cryptosporidium and other microbiological contaminants are available from the Safe Drinking Water Hotline (800-426-4791). Please call 662-562-8456 if you have questions. We ask that all our customers help us protect our water sources, which are the heart of our community, our way of life and our children's future.

WATER-RES USED 2460

PREV 99340 PRES 101800

Arkabutla Water Assn. P.O. Box 260 Arkabutla, MS 38602 662-562-8456

Previous CREDIT Balance:

FIRST-CLASS MAIL US POSTAGE PAID MAILED FROM Senatobia, MS 38668 PERMIT # 00203

Return this portion with payment. Billed: 06/01/22

-59.48

20.15

NO PMT DUE, BAL = -39.33

NO PMT DUE, BAL = -39.33

Last Pmt \$100.00 03/10/22 Harry House Acct# A-1500 SVC:04/14/22-05/15/22 (31 days) 8929 Arkabutla Rd. cc report is available upon request

Acct# A-1500

8929 Arkabutla Rd.

Return Service Requested Harry House 8929 Arkabutia Rd. Coldwater MS 38618